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# Liberty Alliance Workshop: Introduction and Agenda

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# Liberty: Global Membership, Global Adoption

150 diverse member companies and organizations representing leaders in IT, mobility, government, service provision, system integration and finance working collaboratively to address the technology, business and policy aspects of holistic digital identity management

## Management Board



## Sample of Members



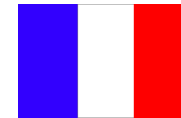
# Adoption: One Billion and Growing

[www.projectliberty.org/index.php/liberty/adoption](http://www.projectliberty.org/index.php/liberty/adoption)



More than one billion Liberty-enabled identities and devices today, across more than a dozen different market sectors...

The de-facto standard for  
Identity Federation



Organizations moving  
from  
early deployment  
strategies  
to mapping ROI



“...authentication integrated into a centralized identity management system is about one fourth the cost.”



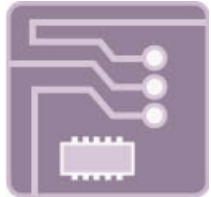
“...Liberty Federation has reduced the cost of manual transactions in the Finland Tax Office to approximately 10-50 cents, representing a cost savings of upwards of 95%”



“...T-Online found that ‘each click a user was required to make reduced usage by 10%.’ Federation has reduced the required number of “clicks.”

# Adoption Across Sectors

**More than one billion  
Liberty-enabled  
devices & identities  
tracked across 17  
different vertical  
sectors**



[www.projectliberty.org/index.php/liberty/adoption](http://www.projectliberty.org/index.php/liberty/adoption)

# Recent Highlights

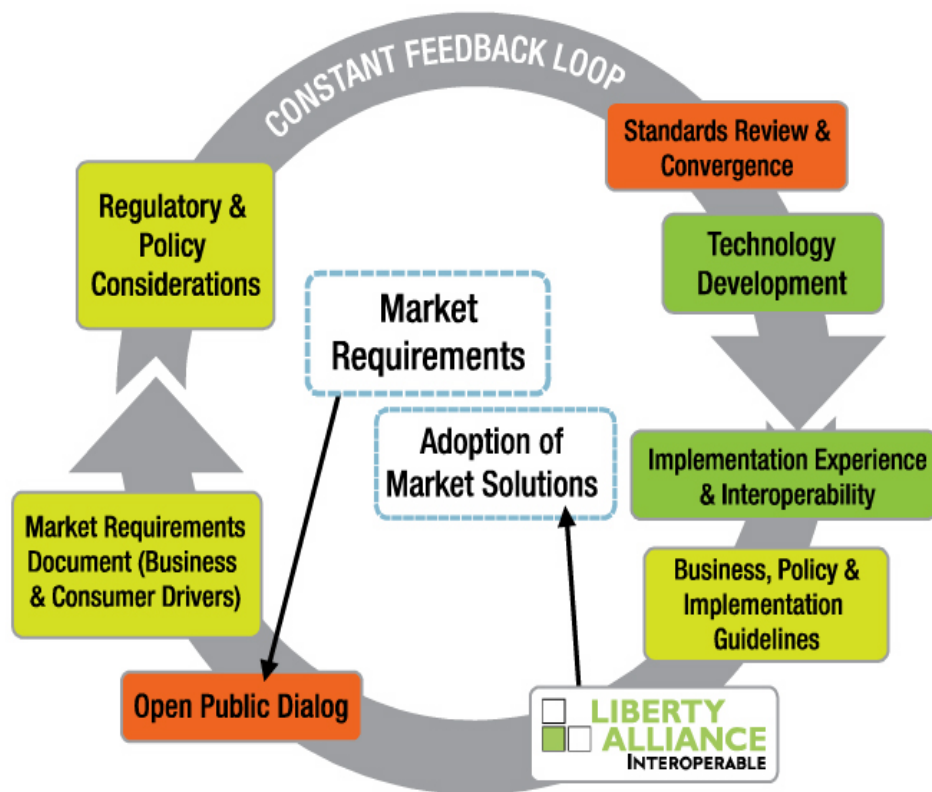
- SAML 2.0: “the de-facto standard for **Identity Federation**”
- Standard framework for **secure Web Services** (ID-WSF 2.0)
- **Case studies** of successful deployments (17 verticals)
- EAP merger & **Identity Assurance Framework public draft**
- GSA joins those requiring **Liberty Interoperable™** testing
- **Concordia Project** standards harmonisation demo'd at RSA
- **openLiberty.org** Web Services Client (Java) beta release
- Completed requirements for **Strong Authentication** (ID-SAFe)
- Initiated **Identity Governance Framework** (IGF) specification
- Finalized **Advanced Client** specification for device provisioning
- Ongoing global **Privacy Summit** programme

# Why was Liberty Alliance Formed?

- Foster an identity management approach which is ubiquitous, interoperable, privacy-respecting and holistic.
  - Liberty's guiding principle is to consult, involve and represent all constituencies toward this objective
    - (vendors, enterprise, government, consumers, universities, SME's, etc.)
  - Must be an open, collaborative system vs. single vendor strategy
  - Identity is important & complex. The risks of inaction are:
    - Fractured infrastructure, hampering strategic decisions
    - Attempts at top-down intervention
- Develop standards-based model to ...
  - Interoperate in heterogeneous environments
  - Generate privacy-respecting architectures
  - Avoid proprietary vendor lock-in
  - Provide flexible foundation for future growth
  - Scale to the WWW
- Deliver consumer & enterprise confidence that security, privacy and data integrity will be maintained

# The Liberty Process - Market Centric

- By ...
  - Listening to the Market, gathering and documenting its requirements
  - Collaborating with other relevant groups
  - Developing specifications and frameworks to meet the needs
  - Certifying the products & assessors
  - Striving for continuous evolution and improvement



# Liberty's Technology Architecture

Liberty  
Federation =  
Security Assertion  
Markup Language  
(SAML) 2.0

Enables identity federation  
and management through  
features such as  
identity/account linkage,  
simplified sign on, and  
simple session  
management

Liberty Identity Services Interface  
Specifications (ID-SIS)

Enables interoperable identity services such as personal  
identity profile service, contact book service, geo-location  
service, presence service, Content SMS and MMS  
Specification and so on.

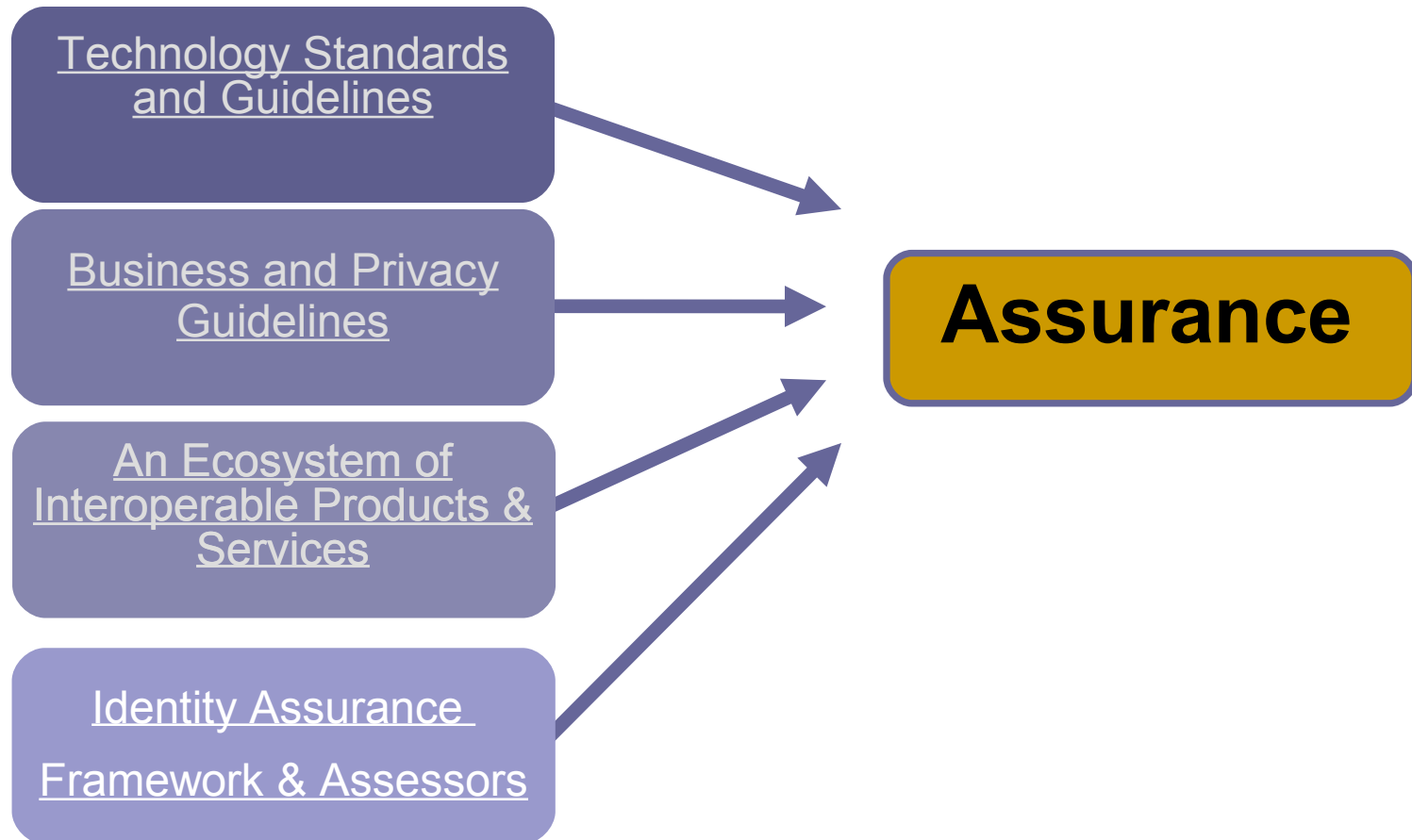
Liberty Identity Web Services Framework  
(ID-WSF)

Provides the framework for building interoperable  
identity services, permission based attribute sharing,  
identity service description and discovery, and the  
associated security profiles

Liberty specifications build on existing standards  
(SAML, SOAP, WS-Security, XML, etc.)



# More than Technology



# Identity Assurance and Governance Work

## **Assurance**

Liberty IAF,  
LoA,  
Privacy Legislation

Requirements which an organisation, enterprise or group of enterprises should meet to obtain certification.

... which affects ...

## **Governance**

IGF  
XACML  
Audit Standards

Policy creation and update, policy enforcement, audit, decision explanation

... which affects ...

## **Run-time Protocols**

SAML 2.0  
ID-WSF  
WS-\*, LDAP

Run-time protocols and wire representations.

# Current Activities and Focus

- Publish **Identity Assurance Framework**
- Launch Identity Assurance **accreditation & certification**
- Grow **Liberty Interoperable™** testing program to include industry-specific deployment profiles (eGov, Education, Financial Services, etc.)
- Help grow **Concordia Project** to address more use cases
- **openLiberty.org** Web Services Client in Java released as final
- Develop **Strong Authentication (ID-SAFe)** specifications
- Publish **Identity Governance Framework (IGF)** specification

# Getting Involved

- **Join An Expert Group**

(formal membership in Liberty Alliance is required)

[http://www.projectliberty.org/liberty/membership/become\\_a\\_member](http://www.projectliberty.org/liberty/membership/become_a_member)

- **Join a Special Interest Group**

(formal membership in Liberty Alliance is not required)

[http://www.projectliberty.org/liberty/public\\_community](http://www.projectliberty.org/liberty/public_community)

- **Review our standards & support materials**

[http://www.projectliberty.org/liberty/resource\\_center](http://www.projectliberty.org/liberty/resource_center)

- **Find implementations that have been certified Liberty Alliance Interoperable™**

[http://www.projectliberty.org/liberty/liberty\\_interoperable](http://www.projectliberty.org/liberty/liberty_interoperable)

# Today's Agenda

- 9:00 – 9:20 - Liberty Welcome & Introduction - *Robin Wilton*
- 9:20 - 9:40 – “Why Web 2.0 needs Liberty” - *Conor Cahill, Intel Corp.*
- 9:40 – 10:00 – Case Study – “A simple SAML profile for delegated authentication”; *Philippe Clément – Orange/France Telecom*
- 10:00 - 10:20 – The Concordia Project; *George Fletcher, AOL*
- 10:20 – 10:40 - Case Study; *Michael Gärtner, Deutsche Telekom AG*

*10:40 - 11:00 Break*

- 11:00 – 11:20 – Findings from the Liberty Privacy Summits – *Robin Wilton*
- 11:20 – 11:40 – Case Study - “From Use-case to Spec” – *Fulup ar Foll, Sun Microsystems*
- 11:40 – 12:00 – Case Study - “Dynamic SAML”; *Patrick Harding, Ping ID*
- 12:00 – 12:30 – Closing Panel, Q&A

Thank You -  
and have a stimulating  
and productive session...

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